

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE REGULATORY CONTACT RECORD

Date/Time: January 17, 2005

Site Contact(s): Dyan Foss
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Regulatory Contact: Edd Kray
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Agency: CDPHE

Purpose of Contact: Disposition of Area 7 Survey unit 7

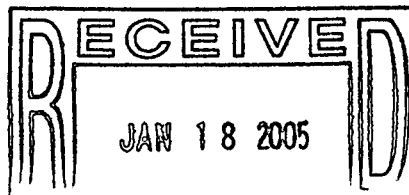
Discussion

In accordance with the 776/777 DOP, Appendix I, the preparation of the facility for demolition is conducted in consultation with the CDPHE and is based on a series of decisions primarily related to maintaining releases to the environment and doses to the workers as low as reasonably achievable (ALARA). This contact record documents the activities that were conducted to prepare Area 7 survey unit 7 for demolition. Survey unit 7 consists of the administrative area on the south side of building 776 and includes rooms 103 through 121.

The preparation process for Survey unit 7 was initiated December 11, 2004 when a package for in-process radiological surveys was prepared and executed. Once the surveys were complete, it was determined that the in process and final surveys could be combined and the CDPHE representative concurred with this approach.

In addition to the radiological hazards, the non-radiological hazards have also been addressed in Survey unit 7. The following summarizes the non-radiological activities:

- There are no RCRA units associated with survey unit 7.
- Chemicals and hazardous substances have been removed.
- Beryllium regulated and controlled areas have been closed. Survey unit 7 comprises the administrative area on the south side of building 776. These rooms were never listed on the historical list of rooms with potential beryllium contamination. The KH baseline characterization of 1999 indicated no removable beryllium contamination in this survey unit. Since the baseline survey, the rooms have been stripped of all equipment to be removed prior to demolition. Prior to final encapsulation the room was again surveyed. Twenty-five (25) samples were collected in the survey unit on horizontal surfaces from floor to ceiling. All samples were below the analytical reporting limit of 0.1 ug/100 cm².
- Polychlorinated biphenyls (PCB) hazards and equipment have been removed.



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- Asbestos has been abated.

Based on the survey results and the principles of ALARA, the risks (industrial and radiological) to the workers are greater than the benefit in source term reduction that would be gained through additional decontamination. The state project representative agrees that decontamination inside survey unit 7 has progressed to the point of reasonably achievable removal and that the subsequent step of encapsulation is appropriate.

In summary, ALARA-based decontamination has been completed, Survey unit 7 will be encapsulated, surveyed for removable contamination, and controls applied during demolition. This contact record will be placed in the demolition file for this survey unit.

Contact Record Prepared By: Dyan Foss

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